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TOMOHIRO YANO, YOSHIHISA YANO, MIKAKO UCHIDA, AYUMI MURAKAMI, KIYOKAZU HIGIWARA, SHUZE OTANI and TOMIO ICHIKAWA — 1757 The modulation effect of vitamin E on prostaglandin E_2 level and ornithine decarboxylase activity at the promotion phase of lung tumorigenesis in mice

JOSÉ PEDRO DE LA CRUZ, JOSÉ ANTONIO GONZÁLEZ-CORREA, ESTHER MARTÍN-AURIOLES, PABLO ORTIZ and FELIPE SÁNCHEZ DE LA CUESTA — 1761 Effects of S-adenosyl-L-methionine on platelet thromboxane and vascular prostacyclin

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YASUSUKE MASUDA, MASAMOBA OZAKI and TAMAMI OGUMA — 1779 Alteration of hepatic microcirculation by oxethazaine and some vasoconstrictors in the perfused rat liver

GIULIO DIDIODATO and FRANCES J. SHAROM — 1789 Interaction of combinations of drugs, chemosensitizers, and peptides with the P-glycoprotein multidrug transporter

RAM P. GUPTA, ALI ABDEL-RAHMAN, KENNETH W. WILMARTH and MOHAMED B. ABOU-DONIA — 1799 Alteration in neurofilament axonal transport in the sciatic nerve of the diisopropyl phosphorofluoridate (DFP)-treated hen

JUANA SELLES, VIRGINIA MASSHEIMER, GRACIELA SANTILLAN, MARIA JULIA MARINISSEN and RICARDO BOLAND — 1807 Effects of calcitriol and its analogues, calcipotriol (MC 903) and 20-epi-1α,25-dihydroxyvitamin D_3 (MC 1288), on calcium influx and DNA synthesis in cultured muscle cells

KARL Y. HOSTETLER, JAMES R. BEADLE, GANESH D. KINI, MICHAEL F. GARDNER, KRISTINE N. WRIGHT, TONG-HAU WU and BRENT A. KORBA — 1815 Enhanced oral absorption and antiviral activity of 1-O-octadecyl-sn-glycero-3-phospho-acyclovir and related compounds in hepatitis B virus infection, *in vitro*

THOMAS A. MORINELLI, ERIC L. FINLEY, AYAD A. JAFFA, DAVID T. KURTZ and MICHAEL E. ULLIAN — 1823 Tyrosine phosphorylation of phosphatidylinositol 3-kinase and of the thromboxane A_2 (TXA_2) receptor by the TXA_2 mimetic I-BOP in A7r5 cells

PATRICIA K. TITHOF, STEPHANIE WATTS and PATRICIA E. GRANEY — 1833 Protein tyrosine kinase involvement in the production of superoxide anion by neutrophils exposed to aroclor 1242, a mixture of polychlorinated biphenyls

BRIAN B. HASINOFF, THEODORE I. KUSCHAK, ANDREW M. CREIGHTON, CHERYL L. FATTMAN, WILLIAM P. ALLAN, PADMAKUMARI THAMPATTY and JACK C. YALOWICH — 1843 Characterization of a Chinese hamster ovary cell line with acquired resistance to the bisdioxopiperazine dexrazoxane (ICRF-187) catalytic inhibitor of topoisomerase II

BAUKELIEN VAN TRIEST, HERBERT M. PINEDO, FRANK TELLMAN, CLASINA L. VAN DER WILT, GERRIT JANSEN and GODEFRIDUS J. PETERS — 1855 Cross-resistance to antifolates in multidrug resistant cell lines with P-glycoprotein or multidrug resistance protein expression

EDEM NUGLOZEH and ANDRÉE G. ROBERGE — 1867 Dietary calcium supplementation and dopamine-β-hydroxylase in spontaneously hypertensive rats

MELISSA MEREDITH, GUODONG LI and STEWART METZ — 1873 Inhibition of calcium-induced insulin secretion from intact HIT-T15 or INS-1 β cells by GTP depletion

HIROAKI JIKIHARA, STUART HANDWERGER and ALAN M. POISNER — 1883 β-Adrenergic regulation of renin expression in differentiated U-937 monocytic cells

RUDOLFS K. ZALUPS and LAWRENCE H. LASH — 1889 Binding of mercury in renal brush-border and basolateral membrane vesicles: Implications of cysteine conjugate of mercury involved in the luminal uptake of inorganic mercury in the kidney

Waldemar Pruzanski, Eva Stefanski, Peter Vadas and Nungavaram S. Ramamurthy	1901	Inhibition of extracellular release of proinflammatory secretory phospholipase A_2 ($sPLA_2$) by sulfasalazine: A novel mechanism of anti-inflammatory activity
Gamini Chandrasena, Richard Giltay, Shivakuman D. Patil, Aimee Bakken and Jashvant D. Unadkat	1909	Functional expression of human intestinal Na^+-dependent and Na^+-independent nucleoside transporters in *Xenopus laevis* oocytes
J. Javier Fernández-Ruiz, Raul M. Muñoz, Julián Romero, M. Angeles Villanua, Alexandrox Makriyannis and José A. Ramos	1919	Time course of the effects of different cannabimimetics on prolactin and gonadotrophin secretions: Evidence for the presence of CB1 receptors in hypothalamic structures and their involvement in the effects of cannabimimetics
Mitsuhiro Nakamura, Shigeru Nakashima, Yoshihiro Katagiri and Yoshinori Nozawa	1929	Effect of wortmannin and 2-(4-morpholinyl)-8-phenyl-4H-1-benzopyran—one (LY294002) on *N*-formyl-methionyl-leucyl-phenylalanine-induced phospholipase D activation in differentiated HL60 cells: Possible involvement of phosphatidylinositol 3-kinase in phospholipase D activation
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Toyoko Hiroi, Susumu Imaoka, Toshio Chow, Yoshiyasu Yabusaki and Yoshihiko Funae	1937	Specific binding of 1-[2-(diphenylmethoxy)ethyl]-4-(3-phenyl propyl) piperazine (GBR-12935), an inhibitor of dopamine transporter, to human CYP2D6
Hajime Inoue, Hideo Ohshima, Hirojuki Kono, Miwa Yamanaka, Takako Kubota, Masaki Aihara, Tomoko Hiroi, Nagasumi Yago and Hirotomo Ishida	1941	Suppressive effects of tranilast on the expression of inducible cyclooxygenase (COX2) in interleukin-1β-stimulated fibroblasts
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